

Radii of the Ions in Molecules of Gaseous Inorganic
Compounds of Elements of the Principal Groups
of the Periodic System, by K. S. Krasnov, 7 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 2,
1960, pp. 209-216.

CB

168,973

Sci

Sept 61

The Nature of Bonds in Thallous Halide
Molecules, by K. S. Krasnov, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 8,
1960, pp 1658-1662.

Cleaver-Hume Press

Sci

Jun 61

157, 613

Molecular Energies of Alkaline Earth Halides
Calculated on the Basis of an Ionic Model, by
K. S. Krasnov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1959, pp 326-328.

Consultants Bureau

Sci

Aug 60

1026, 513

Intermolecular Distances in the Molecules of Gaseous
Alkali Halides and the System of Radii of Undeformed
Gaseous Ions, by K. S. Krasnov, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3,
1959, pp 530-534.

Cleaver-Hume Press Ltd.
London

Sci-Chart
Jan 60

106,541

The Problem of Interatomic Distances in Molecules
of Alkali Halides, by K. S. Krasnov, 11 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 8, 1957,
pp 1725-1732.

AEC-tr-4058

PL-480

Sci

Apr 61

PST No 85

145, 242

THE DISSOLUTION OF APATITE IN PHOSPHORIC ACID
Partially Neutralized with Magnesium (in Solutions
of the System $MgO-P_2O_5-H_2O$) by K. S. Krasnov,
7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXI, No 3, 1958,
pp 345-351.

Consultants Bureau

Sci - Med

Apr 59

84,577

Physicochemical Analysis of the Acid Conversion of Apatite. III. Use of Kinetic Data on the Solubility of Apatite for Calculation of the Optimum Conditions for Double Superphosphate Production, By K. S. Krasnov, 28 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 1, 1957, pp 25-31.

Consultants Bureau

Sci - Chem

Jun 58

65,257

The Volatility of Francium Compounds, by K. S. Krasnov, G. A. Krestov, 4 pp.

RUSSIAN, per, Radiokhim, Vol II, No 6, 1960, pp 671-674.

AEC-tr-4578
PL-480

Sci

Aug 62

PST 579=

206,380

Some Thermodynamic Characteristics of the Gaseous
Halides of Francium, by K. S. Krasnov, 3 pp.

RUSSIAN, per, Radiokhim, Vol II, No 6, 1960,
pp 668-670.

AEC-tr-4578
PL- 480

Sci

Aug 62

PST 570

206,379

The Relationship ~~Between~~ Between the Radius of an ~~Undeformed~~ Undeformed "Gaseous" Ion, and Certain Physicochemical Ionic Properties, by K. S. Krasnov, 9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, ~~z~~ No 9, 1958, pp 1993-1998.

AEC-tr-4457
PL-480

Sci

May 62

PST 379

193,419

Kinetics of Solution of Apatite in Saturated Solutions of the System $\text{CaO-P}_2\text{O}_5\text{-H}_2\text{O}$, by K. S. Krasnov, 9 pp.

RUSSIAN, par, Zhur Prii Khim, Vol XXVI, No 11, USSR, Nov 1953, pp 1114-1121. CIA D 167132

Consultants Bureau
SLA R-2262

USSR

Scientific - Chemistry

2/389

CTS 65/Feb 1955

Bond Energy in Molecules of Alkali Metal Halides,
by K. S. Krasnov, L. M. Shtein, 3 p.

RUSSEAN, per, Zhur Neorg Khim, Vol IV, No 5,
1959, pp 963-968.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jan 60

106,403

Weight Ratio of the Solid and Liquid Phases in
Double Superphosphate and the Optimum Concentra-
tion of the Original Phosphoric Acid, by K. S.
Krasnov, 5 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXX, No 8,
Aug 1957, pp 1121-1126.

Consultants Bureau

Sci - Chem

Shp
Oct 1957

75,704

New Isomeric States of Spherical Nuclei of
Europium having Odd Mass Numbers, by E. E.
Berlovich, V. N, Klement'yev, L. V. Krasnov,
M. K. Nikitin, I. Yursik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 4, 1960, pp 789-792.

AIP
Sov Phys- Doklady
Vol V, No 4
✓

Sci

Mar 61

141,707

Method of Aerial Dusting for the Control of Ticks, by
M. D. Krasnov.

RUSSIAN, per, Voenno-Med Zhur, No 8, 1959, pp
42-45. 9072183

USDA

Sci - Biol

Oct 60

129,831

(62-4424)

Always Create and Search, by M. Krasnov, 6 pp.

RUSSIAN, np, Krasnaya Zvezda, 24 Jun 1961, p 2.

JPRS 10952

USSR

176,035

Mil

Dec 61

Method of Dusting From the Air in Controlling
Ticks, by M. D. Krasnov, N. Z. Yakobson, Ye. F.
Vasilenko, D. A. Gulimova, A. S. Opanasenko,
6 pp.

RUSSIAN, per, Voenno-Med Zhur, No 8, 1959.

JPRS 2551

Sci - Med
Oct 60

129,991

RECENT ECONOMIC DEVELOPMENTS IN DZHEZKAZGANSKAYA
 OBLAST', M. P. KRASNINOV, S. N. TROSHINA, 44 PP

CHRAIBIAN, X EN, KHANITS'NA OBLAST', 1962,
 PP 13-17, 37-51, 69-71, 73-100.

PPS 1965

USSR
 ECON
 JUN 63

238,360

Production of Radioactive Isotopes in a 10-Mev
Deuteron, by P. P. Dmitriev, I. I. Zhivotovskii,
N. N. Krasnov, I. P. Selinov, E. N. Khaprov, 6 p.

^c
RUSSIAN, bk, Proceedings of the First All-Union
Conference on Radiation Chemistry Production of
Isotopes, 1957, 9048095-C pp 26-30.

Consultants Bureau

Sci - Chem

114,523

Apr 60

11 943

GF-3 US-20

KRASNOV N. N.

High-frequency ion source of the cyclotron type

Hochfrequenz-Ionenquelle vom Zyklotron typ

* Prib. i Tekhn. Eksp., No. 2, 148-150 (1960)

KFK-tr-38 (GF-3) - German

US-20: English

E u r a t o m

(FDD-25631)

Disruption of Higher Nervous Activity During the
Poisoning of Animals With ~~PHOSPHOROUS~~ Phosphorous, by
S. K. Krasnov, 20 pp.

RUSSIAN, bimo per, Zhur Vysshey Nerv Deyatel',
Vol IV, No 4, Moscow, Jul/Aug 1954, pp 558-567.

CIA/FDD/U-7856

USSR

Sci - Medicine, neurophysiology

Feb 1956 CTS

32,339

Training Specialists with Higher Qualifications, by
N. Krasnov, M. Kovalev, 16 pp.

RUSSIAN, per, Komunist, No 15, 1964, pp 59-68.

JPRS 27466

USSR
Soc
Jan 65

271981

New Radar Equipment, by V. Krumm, 7 pp.
RUSSIAN, per. Radio, No 4, 1964, pp 37, 38.
JPRS 34841

33

Sci-Elmer
Jan 64

250,422

109
Light - Detector and Weapon, by V. Krasnov.
RUSSIAN, per, Svet - Lokator, Svet - Ouzhiye.
Moskva, Izd-vo Dozmaf, 1964. P100106268-V
FTI-HY-23-809-67

V. Krasnov

Sci/Phys
June 68

359.295

An Antimissile Beam, by Junior Captain V. Krasnov,
5 pp.

RUSSIAN, np, Krasnaya Zvezda, July 17, 1962,
page 3, 9678837

FTD-TT-62-1130

Sci-Space Res
Dec 62

217,616

On the Lower Devonian of the South Mimosinsk
Syncline, by V. I. Krasnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,
No 6, 1959, pp 1242-1244.

AGI

Sci

Jun 61

154,644

Experimental Determination by an Optical Method of
the Stresses in an Anisotropic Plate under the Action
of a Concentrated Force. II, by V. M. Krasnoy, A. V.
Stepanov, E. F. Shvedko, 3 pp.

RUSSIAN, per, ² Izv. Akad. Nauk SSSR, Ser. Fiz.-Mat. Nauki, Vol XXXIV,
No 4, 1958, pp 894-898. 894-898

Amer Inst of Phys,
Sov Phys - JETP,
Vol VII (34), No 4

Sci - Phys

Nov 58

76,970

Lithonian Coral Complexes of the Crimea, by Ye
V. Krasnov.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol 8 CLIII, No 1-6, Nov, Dec 1963, pp

Amer Geol Inst

Sci
Jul 65

Behavior of Calcium Oxide-Carbon Electrodes in
the Electrolysis of Fused Chlorides, by M. V.
Smirnov, S. F. Pal'guyev, Yu. N. Krasnov, 7 pp.

RUSSIAN, per Zhur Prik Khim, Vol XXXI, No 2,
1958, pp 226-233.

Consultants Bureau

Sci - Chem

Mar 59

84,122

Electrochemical Behavior of Titanium Carbide in
a Chloride Fusion, by M. V. Smirnov, Yu. N.
Krasnov, 12 pp.

RUSSIAN, per, Zhur Neorganicheskoy Khim, Vol V,
No 6, 1960, pp 1241-1247. 9660214

ATIC MCL 755

Sci

Mar 61

144, 253

The Electrochemical Behavior of Titanium Carbide in a
Chloride Melt, by K. V. Smirnov. Yu. N. Krasnov, 4 pp

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 6, 1960,
pp 1241-1247.

Cleaver-Hume Press

Possibly *ATIC MEL-755/2

Sci

Mar 61

142,353

Equilibrium Potentials of Calcium Ions on
Carbon Electrodes, by M. V. Smirnov,
S. P. Pal'guyev, Yu. N. Krasnov, L. A. Lyapina,
5 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXI, No 1,
1958, pp 66-70.

Consultants Bureau

Sci - Chem

Mar 59

82, 672

Electrochemical Behavior of Titanium Nitride in
Chloride Melts, by M. V. Smirnov, Yu. N. Krasnov,
9 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 8,
1958, pp 1876-1882.

AKC-Tr-4456
FL-480

Sci
Jun 62
PST 378

200,137

Thermodynamics of the Interaction of Fused CaCl_2 with
Alkali Metal Chloride Melts, by M. V. Smirnov, S. F.
Palguyev, L. A. Lyapina, Yu. N. Krashov, 3 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 11, 1957,
pp 1687-1689.

Consultants Bureau

Sci - Chem

Feb 59

82,175

Variations of Blood Sugar and Lactic Acid
Levels in Athletes Performing Standard Tasks
with the Establishment of Good Form,
by N. N. Yakovlev, A. F. Krasnova.
RUSSIAN, per, Fiz Zhur, Vol XLVIII, No 10,
1962, pp 1265-1269.
NIL RTS-2885

Krasnova, A. F.

Sci - 8/M
Jul 66

392,407

(DC-6761)

THE EFFECT OF INGESTION OF MALT EXTRACT ON
BIOCHEMICAL CHANGES IN THE BLOOD OF ATHLETES AFTER
COMPLETING VARIOUS KINDS OF EXERCISES, BY A. F. KRAS-
NOVA, N. R. CHAGOVETS, 6 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 2,
1962, PP 37-39.

JPRS 13775

SCI - MED

L92,933

Biochemical Changes in Rat Muscles During Work
of Various Durations Under Conditions of
Supplementary Introduction into the Ration of
Malt Extract, Maltose and Glucose, by A. F.
Krasnova, N. R. Chagovets.
RUSSIAN, per, Ukrains 'Kii Biokhimiichnii
Zhurnal, Vol 33, No 3, 1961, pp 402-406.
NII/RTS 12s 6a.

A F. K R A S N O V A

Sci -
Aug 67

334,947

S-4602

(NY-1954)

The Effect of Small Doses of Radioactive Phosphorus
on the Nitrogen Metabolism, Hemopoiesis and the
Function of the Cardiovascular System, by I. K.
Lyusin, A. I. Krasnova, 3 pp.

RUSSIAN, per, Vest Rentgenolog i Radiolog, Vol.
XXXIX, No 3, 1958, pp 75, 76.

JPRS 1327-N

Sci - Med, radiology
Apr 59

85,372

Preparation of Benzenecarboxylic Acids from
Hydrolytic Lignin by Oxidation with Nitric Acid,
by M. I. Chudakov, A. P. Krasnova, 4 pp.

RUSSIAN, per, Zhur, Prikl Khim, Vol XXXIV, No 12,
1961, pp 2760-2763.

CB

Sci

Oct 62

214,336g

Preparation of Benzene-polycarboxylic Acids from
Hydrolytic Lignin by Oxidation with Alkaline
Permanganate, by M. I. Chudakov, A. P. Krasnova, 5 pp.

RUSSIAN, per, Zhur, Prikl Khim, Vol XXXIV, No 12,
1961, pp 2754-2759.

CB

Sci

Oct 62

214,335

The Synthesis of Mono-Alkyl-Cyclohexanes of
C15-C18 Composition with an Increased Density,
by Ye. B. Sokolova, G. V. Krasnova.

RUSSIAN, per, Nauch Dok Vysshey Shkoly-Khim
1 Khim Tekh, No 2, 1958, pp 330-334. 9662622

ATTO MCL-347/1

Sci - Chem

Jul 61

159,279

Atlas of Meteorological Nomograms, by K. S.
~~KASHCHIKOV~~ Krasnova.

RUSSIAN, mono, Atlas Meteorologicheskikh Nomogram,
1961, 42 pp.

*Weather Bureau

Sci
Jul 63

The Stability of Supersaturated Solutions of
Slightly Soluble Salts, by M. V. Tovbin, S. I.
Krasnove, 8 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp
32-38.

SLA R-2846

Sci

Jul 59

92,438

Stability of Supersaturated Salt Solutions, by M.
Tovbin, S. Krasnova, 10 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, 1949, p
863-870.

K

SLA R-2845

Sci

Jul 59

92, 439

Investigation of the technology of Alkaline
Earth Sulfide Phosphors with Persistent
Phosphorescence, by T. A. Krasnova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 11, 1959, pp 1362-1364.

Columbia Tech

Sci

Feb 61

138,329

Synthesis of C₁₄-C₂₀ Alkylbenzenes by Grignard-Wurtz Reaction in Ether-Free Medium, by A. D. Petrov, E. P. Zakharov, T. L. Krasnova, 13 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 1, 1959, pp 49-54.

Consultants Bureau

Sci.

Mar 60

110,632

Investigations in the Field of Cyanine Dyes. XI.
Some 7,7'-Dimethylthiacarbocyanines, by I. I.
Levskoyev, N. M. Sveshnikov, E. Z. Kulik, T. V.
Krasnova, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11,
1957, pp 3097-3106.

Consultants Bureau

Sol - Chem

Jan 59

78, 818

Several Benzothiazole Derivatives. V. Synthesis of 5-Substituted 6-Dimethylamino-2-Methylbenzothiazoles, by I. I. Levkoyev, N. N. Sveshnikov, I. N. Gorbacheva, N. S. Barvyn, T. V. Krasnova, 11 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2, USSR, Feb 1954, pp ~~280-290~~. CIA D 151278
280-290.

Consultants Bureau

Scientific - Chemistry

CTS 67/Apr 55

22,912

Cyanine Dyes. IX. Some Tetramethoxythiacarbo-
cyanines, by I. I. Lovikov, Z. P. Sytnik, S. V.
Matenson, V. V. Durmashkina, T. V. Krasnova,
R. S. Staser, 6 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 11,
1954, pp 2034-2039. CIA 942761-C, RER reel 3.

Consultants Bureau

37,797

Sci - Chemistry

Aug 56 CTS

The Action of Nitrous Acid upon 2-Methoxydimethylaniline,
by N.N. Sveshnikov, I.I. Levkoev, and T.Y. Krasnova,
3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 7,
Jul 1952, pp 1170-1172.

Consultants Bureau

USSR
Scientific - Chemistry

Feb 54 CTS

9708

Epidemiological characteristics of an influenza outbreak in Dnepropetrovsk in 1957, by T. B. Georgyev, V. G. Krasnova,, B. M. Estrin, I. M. Yartseva and R. R. Popova, 5 pp.

RUSSIAN, per Voprosy Virusologii, Vol IV, No 2, 1959, pp 146-150.

Pergamon Press

Sci

114832

Apr 60

Quantitative Fluorescence Method of the
Determination of Traces of Oxygen in Water, by
M. A. Konstantinova-Shlezinger, V. S. Krasnova.

RUSSIAN, per, Fizicheskie Metody Issledovaniya,
Vol XI, No 6, 1945, pp 567-569.

MLL M. 3294

Sci - Chem

191, 910

Apr 62

The Drill and Its Role in the Battle Training of
Troops, by S. Krasnovidov

RUSSIAN, per, Voeyniye Vestnik, No 14, 1951.

Eurasian Branch, G-2 Library
TM-279

USSR
Military *

23, 94

(DC-3878)

Scientific Conference Devoted to the Question of the
" Role of Nervous System Types in Metabolic,
Compensatory and Restorative Reactions of the
Organism, by M. S. Krasnovska, T. A. Dzhoeyeve,
4 pp.

UKRAINIAN, per, Fiz Zhur, Vol VI, No 2, Mar/Apr 1960,
pp 280, 281.

JPRS 6181

131,551

881 Mad
887 50

(FDD 25680)

The Results of Determining the Type of Nervous
System in a Dog by the Small Standard of 1951, by
N. S. Kramovskaya, 13 pp.

UKRAINIAN, bimo per, Medichniy Zhur, Vol XXIII, No 3,
Kiev, 1953, pp 76-82.

CIA/FDD U-8275

35,267

USSR

Sci - Medicine, neurophysiology

May 56

Trans-Effect of the Hydroxy Group in the
Complexes of Tetravalent Platinum, by
I. I. Chernyayev, N. N. Krasovskaya, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 10, 19458, pp 2281-2288.

AEC-tr-4458
PL-480

Sci
Aug 62
PST-380

209,945

Reactions of Photoreduced Form of Chlorophyll, by
A. Krasnovskiy, G. P. Brin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIII,
No 6, 1950, pp 1239-1242.

AEC Tr 1021

AEC/UCRL 90

16,435

Scientific - Chemistry

Dec 1951 CTS

Thermal Noise of Measuring Devices and Limits
of Preciuiou of Autonomouu Control System of
Space Vehicle, by A. A. Krasovskiy, pp 1-
RUSSIAN, bk, pp 1-23.
*FTD-MT-65-130

Sci-Aero
May 65

The Fractionation of Various Forms of Pigments in
Homogenates of Etiolated and Illuminated Leaves,
by A. A. Krasnovskiy, M. I. Bystrova, A. D. Sorokina.
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 1227-1230.

AIBS

169, 930

Sci

Sep 61

Catalytic Action of Some Metal Oxides, by
A. A. Krasnovskiy, T. N. Gurevich, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXV, No 5,
1950, pp 715-718.

CIA/PDB XL-1531
NO FOREIGN DISSEM

Sci - M/M

Apr 64

UNIB Internal Use Only

255,225

Investigation of the formation of chlorophyll
and its state in plant leaves by observation
of fluorescence spectra by F. F. Litvin, A. A.
Krasnovakly, 4 pp.

RUSSIAN, per, Iz. Ak Nauk SSSR, Ser Fiz,
Vol XXXIII, No 1, 1959, pp 82-85

Columbia Tech

Sci

Mar 60

119, 120

Synthesis of Chlorophyll and Fixation of Carbon
Dioxide in Etiolated Barley Seedlings, under
Illumination, by N. G. Doman, A. A. Krasnovskiy,
A. K. Romanova, 8 pp.

RUSSIAN, per, Fiziol Rasteniy, Vol VIII, No 1,
1961, pp 3-12.

AIBS

169,891

Sci

Sep 61

(NY-5375)

Chemiluminescence of Chlorophyll During Chemical
Reactions, by F. F. Litvin, Yu. A. Vladimirov,
A. A. Krasnovskiy, ~~1960~~ 22 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXXI, No 1,
May 1960, pp 149-156.

JPRS 7362

Sci - Phys

Feb 61

139, 224

Study of the Formation of Free Radicals by
Irradiating Chlorophyll and its Analogues Using Gamma
Polymerization Initiation, by A. A. Krasnovskiy and
A. V. Dmitriyev, 8 pp.

RUSSIAN, per, *Voprosy*, Vol III, No 5,
1958, pp 547-557.

Pergamon Press

Sci

Dec 59

101, 906

Study of the Formation of Chlorophyll in
Homogenates of Etiolated Leaves using a
Fluorescence Spectrophotometric Method, by
A.A. Krasnovskiy, M.I. Bystrova, 8 pp.

RUSSIAN, per, Biokhim, Vol XIV, No 1, 1960,
pp 168-179.

CB

132,609

Sci
Nov 60

The Luminescence of Chlorophyll in Relation to
Photosynthesis, by A. A. Krasnovskiy, 15 pp.

RUSSIAN, per, Biofiz, Vol IV, No 1, 1959, pp 3-18.

Ferganon Press

SLA 59-17413

Sci

Dec 59

101, 950

Luminescence of Various Forms of Chlorophyll
in the Leaves of Plants, by F. F. Litvin, A. A.
Krasnovskiy, G. T. Rikhireva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 6, 1960, pp 1528-1531.

AIBS

Sci

Jul 61

167, 431

Reversible Photoreduction of Bacteriochlorophyll
and Its Role in Processes of Photochemical
Electron Transfer, by A. A. Krasnovskiy, E. V.
Pakshina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 5, 1960, pp 1258-1261.

AIBS

Sci

167, 382

Jul 61

Investigation of Absorption Spectra of the Fluorescence
of Plant Leaves in the Region 400-850 m μ , by F. F.
Litvin, A. A. Krasnovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4, 1958,
pp 764-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,073

The Use of Divalent Iron Compounds and Ascorbic Acid as Electron Donors in the Photochemical Reactions of Porphyrins and Chlorophyll in Aqueous Media, by A. A. Krasnovskiy, A. V. Umrikhina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 6, 1958, pp 1061-1064.

Amer Inst of Biol Sci

SZ A 59-17410

Sci - Biol

86,192

Apr 59

The Properties of Photoreduced Forms of Chlorophyll,
Protochlorophyll and Hematoporphyrin in Relation to
Conditions of Acid-Base Equilibrium by A. A. Krasnov-
skiy, E. V. Fekshina, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3, 1958,
pp 581-584

Amer Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,763

Investigation of the Photochemically-Active Form
of Chlorophyll in Plants of Different Systematic
Groups, by A. A. Krasnovsky, L. M. Vorobyeva,
E. V. Pakshina, 9 pp.

RUSSIAN, bimo per, Fiz Rasteniy, Vol IV, No 2, 1957
pp 124-133. CIA 9016894

PSI

DRB, Mo 37

Amer Inst of Biol Sci

Sci - Biology
Jan 58

56,964

Krasnovskiy, A. A.
REVERSIBLE PHOTOCHEMICAL REDUCTION RE-
ACTIONS OF CHLOROPHYLL, ITS ANALOGS AND
DERIVATIVES. [1961] [31]p. 114 refs.
Order from LC or SLA mi\$3.00, ph\$6.30 61-10350

Trans. of *Uspekhi Khimii (USSR) 1960, v. 29 [no. 6]
p. 736-759.

(Chemistry--Physical, TT, v. 5, no. 10)

61 10350

1. Chlorophylls--Photo-chemical reactions
2. Photochemical reactions--Analysis
1. Krasnovskiy, A. A.

Office of Technical Services

Study of the Structure of Aggregated Forms of Chlorophyll,
by E. M. Belavtseva, L. M. Vorob'yeva, A. S. Krasnovskii,
18 pp.

RUSSIAN Per, Biofizika, Vol IV, No 5, 1959, pp 521-532.

Pergamon Press

119,609

Sci

Jun 60

Quasi-Stationary processes of Extremal
Continuous Control in the Case of Bounded
Coordinates, by A. A. Krasovskiy, 9 pp.

RUSSINA, per, Avtomat i Telemekh, Vol XXIV,
No 12, 1963, pp 1633-1642.

ISA

Sci
Jun 64

259,840

Formation and Transformations of Protochlorophyll
in the Green Leaves of Plants, by F. F. Litvin,
A. A. Krasnovskiy, G. T. Rikhireva, 3 p.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol CXXVII, No 3,
1959, pp 699-701.

Amer Inst of Biol Sci

Sci
Feb 60

107,775

The Photochemical and Spectral Properties of
Bacterioviridin of Green Sulfur Bacteria, by
A. A. Krasnovskiy, E. V. Pakshina, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4,
1959, pp 913--.

Amer Inst of Biol Sci

Sci
Feb 60

107,778

The Light Reactivation of Plant Tissue Cytochrome
Oxidase Activity in the Presence and Absence of
Chlorophyll, by N. M. Sisakyan, A. A. Krasnovskiy,
E. S. Mikhailova, G. P. Brin, ~~5~~ 5 pp.

RUSSIAN, per, Biokhimiya, Vol XXIV, No 1, 1959,
pp 3-8.

CB

Oct 59

99,233

Effect of Carotene on the Photochemical Properties
of Chlorophyll, by A. A. Krasnovskiy, N. N.
Drozdova, M. V. Pashina, 26 pp.

RUSSIAN, per, Biokhimiya, Vol. XXV, 1960,
pp 288-295.

AEC ~~EE~~ UOHL-trans-562

I

Sci - Chem

9 Jan 61

List 86

135, 533

SLA: 61-15914

**Fluorescence Spectra of Photo-reduced Forms of
Chlorophyll, Its Derivatives and Analogues, by
Yu. E. Erokhin, A. A. Krasnovskiy, 9 pp.**

RUSSIAN, per, Biofizika, Vol VI, No 4, 1961.

Elsevier Pub. Co.

**Sci
Jul 62**

205,305

Spectral and Photochemical Properties of Protochlorophyll Pigments in Model Systems, by A. A. Krasnovskiy and M. I. Bystrova, p. 6

RUSSIAN, per, Biokhimiya, Vol XXVII, No 5, Sep-Oct 1962, pp. 958 - 966

CB

340, 385

Sol

Aug 63

A Study of Chlorophyll Photoreduction in the ~~Pres~~
Presence of Electron Acceptors, by A. A. Krasnovskiy,
N. N. Drozdova, 10 pp.

RUSSIAN, per, Biokhim, Vol XXVI, No 5, 1961,
pp 859-871.

CB

Sci

204,330

Jul 62

Electron Paramagnetic Resonance Spectra Observed
When Leaves of Plants Are Illuminated, and the
Photoreduction Reactions of Chlorophyll and Its
Analogues, by H. N. Budnov, A. A. Krasnovskiy,
A. V. Umrikhina, V. R. Tsypalov, V. Ya.
Shlyapintokh, 19 pp.

RUSSIAN, per, Biofizika, Vol V, 1960, pp 121-126.

AEC UCRL-Trans-560

Sci - Phys
9 Jan 61

135,540

USSR/Sci

Oxidation -Reduction Reactions Photosensitized by
Chlorophyll and Magnesium Phthalocyanin, and Proceeding
with an Increase in Free Energy of the System, by A.A.

Krasnovskiy

RUSSIAN, per, Reports of the Academy of Sciences, Vol 61,
1948.

REC TA

CTS has 49 (1/49)

A 6.116

KRASNOVSKIY, A. A.
GUREVICH, I. N.

Photocatalytic Action of Some Metal Oxides.

DOKLADY AKADEMII NAUK SSSR, vol 75, 1950, No 5,
pp 715-8; 2300 words.

Brutcher No 2791, \$6.75

A-3793

Reversible Photoreduction of Chlorophyll, and
Sensitized Reactions in Sugar Beet Leaf Homogenates.
by L. M. Vorob'yeva, A. A. Krasnovskiy, 11 pp.

RUSSIAN, per Biokhim, Vol XXIII, No 5, 1958,
pp 760-771

Consultants Bureau

Sci - Biol

Apr 59

86,035-

Action of Heavy Water on the Reaction of
Photoreduction of Chlorophyll and the Photochemical
Activity of the Substance of Green Leaves, by
A. A. Krasnovskiy, G. P. Breen, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVI, 1954, pp 1025-1028.

SLA R-1311

AEC Tr 2456

RT3909 34,569

Scientific - Chemistry
Biology

May 56 CTB/DEX

Effect of Ultra-Violet Rays on Photo-Chemical
Activity of Chloroplasts, by I. V. Verezhchinskiy,
A. A. Krasnovskiy, 17 pp.

RUSSIAN, par, Biokhimiya, Vol XVI, No 6, 1951,
pp 621-626.

Sci Tr Center RT-2147

Scientific - Chemistry
Apr 55 OTE

22,804

A Study of the Decoloration of Methylene Blue Under
the Influence of Roentgen Rays, by I. L. Shekhtman,
A.A. Krasnovskii, and I. V. Vereschinskii.

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol LXXIV, No 4,
pp 767-779, 1950.

AEC Tr 1215

Scientific - Chemistry

A 6117

KRASNOVSKIY, A. A.

Description of Gases From Wetted Powders, A. A.
Krasnovskii and T. N. Gurevich, Kolloid Zhur,
USSR, Vol 11, No 3, 172 - 175, 1949. C.A. 43,
7289h (1949). Approx 1825 words; 2 tables,
1 graph Price \$5.75 (\$1.75)

Assocd Tech Services
New Jersey

RJ-1

46118

KRASNOVSKIY, A. A.

"Catalytic & Photosensitized
Oxidation of Ascorbic Acid
on Phthalocyanines."

CR LII, No 5,46,443

A61'9

Investigation of the Intermediate Stages
of Formation of Chlorophyll in Etiolated
Leaves by the Fluorescence Spectrum, by
F. F. Litvin and A. A. Krasnovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No
1, 1957, pp ~~106~~ 106-.

Consultants Bureau

Sci - Chem

Aug 58

73. 668

Asymptotic Stability of Linear Automatic Control Systems,
by A.A. Krasovskiy, Leningrad. (Moscow)

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, Tekh
Kibernetika, No 5, 1963, pp 19-26.

JPRS 22648

3cl
Jan 64

246,889

V
Influence of Oxygen on the Absorption Spectrum and
Fluorescence of Chlorophyll Solutions, by V. B.
EEK Evstigneyev, V. A. Gavrilova, A. A. Kravnovskiy,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVI,
No 6, 1949, pp 1133-1136.

36,104
Sci Tr Center RT-3706

AEE TR 2156

Scientific - Chemistry

Jun 56/dax